## CareerTech Information Management System (CTIMS)

# Instructional Framework Guidebook



## Table of Contents

CTIMS Support	3
Help and Troubleshooting	3
Logging into CTIMS	4
Approval Process Overview	5
Technology Center – IFW Submitter	6
IFW Request Summary List	7
Request a New Program	17
Copy a Program to another Site	26
Change Request	28
View Approval Status	29
Approved State Programs Report	31
IFW Local Financial Aid Approval	32
APPENDIX A	37
APPENDIX B	43
Helpful Tips	49
Print the Detail Summary page on ONE page	50

## **CTIMS Support**

If you have questions about submitting information in CTIMS, please contact CTIMS Support at CTIMSSupport@careertech.ok.gov, or contact:

#### Mika Hickman

Administrative Assistant Office: (405) 743-5124

Email: Mika.Hickman@careertech.ok.gov

#### Rebecca Saxon

Technical Support Specialist Office: (405) 743-5134

Email: Rebecca.Saxon@careertech.ok.gov

#### Andra Beyer

Data Quality Coordinator Office: (405) 743-5403

Email: Andra.Beyer@careertech.ok.gov

#### Dennis Griffith

Performance Data/Analysis Coordinator

Office: (405) 743-6882

Email: <u>Dennis.Griffith@careertech.ok.gov</u>

#### Carol Hall

Manager, Information Management Division

Office: (405) 743-5125

Email: Carol.Hall@careertech.ok.gov

## Help and Troubleshooting

If you do not have a CTIMS account set up or are having trouble with the navigation or software, contact CTIMSSupport@careertech.ok.gov. Send a message describing your problem. Include your school name and your telephone number and we will contact you. Someone is always monitoring that inbox and will return your email swiftly.

If you have forgotten your password, click the Forgot your password? link to reset.

For helpful tips, see the CTIMS Helpful Hints section of this document.

#### **CTIMS Customer Support Contact**

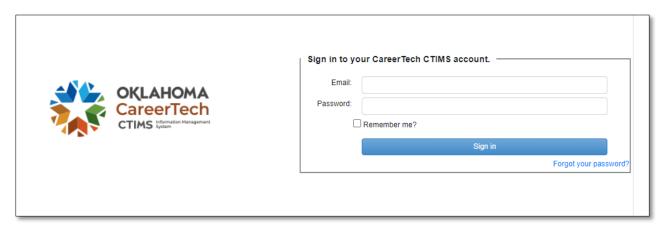
Rebecca Saxon

Office: (405) 743-5134

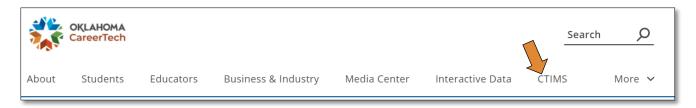
Email: CTIMSsupport@careertech.ok.gov

## Logging into CTIMS

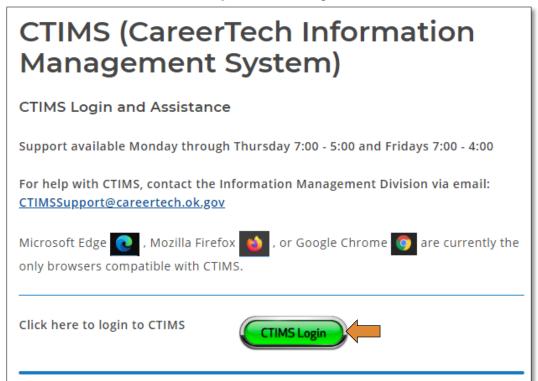
Sign in using your school email and CTIMS password at <a href="https://ctims.okcareertech.org/CTBDSWeb">https://ctims.okcareertech.org/CTBDSWeb</a>



Or, go to CareerTech (oklahoma.gov) and select the CTIMS tab.



On the CTIMS website, select the green CTIMS Login button.



## **Approval Process Overview**

Approval Process		
IFW Role	Process	
Technology Center – IFW Submitter	Creates, completes, saves & submits the requests.	
IFW – Local Financial Aid Approval	1 <sup>st</sup> approval. Reviews & approves/rejects requests.	
ODCTE – Occupational Approval	2 <sup>nd</sup> approval. ODCTE occupational division reviews & approves/rejects requests.	
ODCTE – IFW Financial Aid Approval	3 <sup>rd</sup> Approval. ODCTE financial aid staff reviews & approves/rejects the request.	

#### NOTE:

- The IMD team sent out the programs that were approved last year for your technology center. If you did not receive this, please email <a href="mailto:CTIMSsupport@careertech.ok.gov">CTIMSsupport@careertech.ok.gov</a>.
- Rollover is not an option this year. The occupational divisions at ODCTE have worked very hard and have put in many hours at creating templates for you to use. The process should be seamless for you to submit your programs. If you have any questions about any template or a specific program's content please reach out to the occupational division for that program.
- If you choose a course that has Oklahoma Promise Credit attached to it, the course hours cannot be shortened.

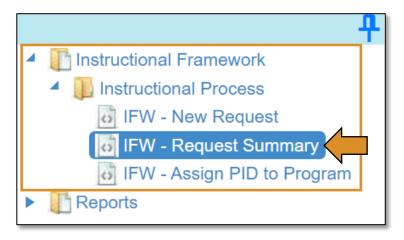
## Technology Center – IFW Submitter

If you have more than one role in CTIMS make sure you have the correct role selected. Verify that you are signed in with the role of **Technology Center – IFW Submitter** in the top right-hand corner. Use the drop-down arrow to select your role, if necessary.

If you do not see Technology Center – IFW Submitter, contact <a href="mailto:CTIMSSupport@careertech.ok.gov">CTIMSSupport@careertech.ok.gov</a>



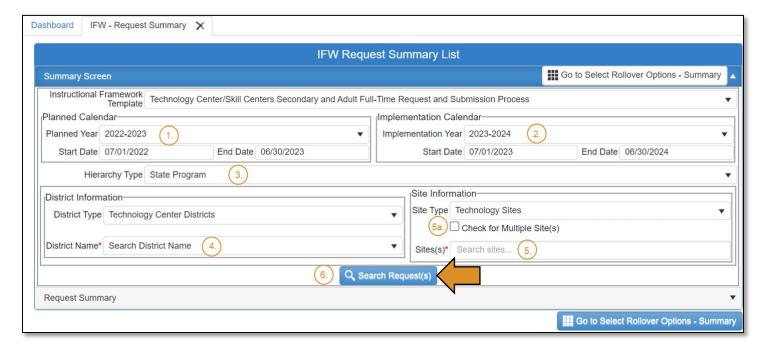
- Click the arrows next to Instructional Framework & Instructional Process.
- Click on the IFW Request Summary link.



#### IFW Request Summary List

- 1. **Planned Year\***: This will default to the current planned year.
- 2. **Implementation Year\***: This will default to the following school year.
- 3. Hierarchy Type: This will default to 'State Program 2122.'
- 4. **District Name\***: Start typing the first 3 letters of your school then choose your district from the drop-down.
- 5. Site(s)\*: Start typing the first 3 letters of the site and choose from the drop-down.
  - a. If you will be choosing for more than one site, click the box next to Check for Multiple Site(s) first

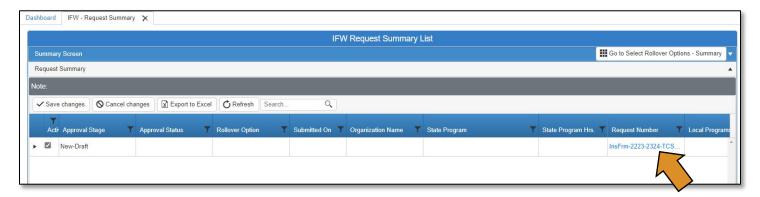
     then type the school name. Hint: if you have multiple sites are entering them all, start typing
     the first 3 letters of the technology center, then, on your keyboard hit Ctrl+A to select all sites.
- 6. Click Search.



#### IFW Request Summary List Screen

As you begin to process your requests or create new requests, they will appear on the IFW – Request Summary List screen.

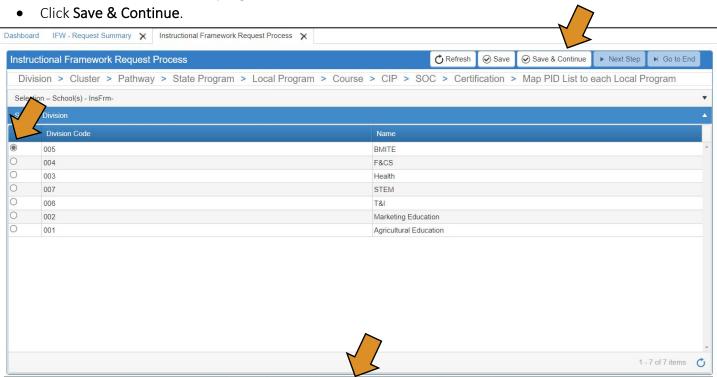
• Click the **Request Number** to begin the process of making necessary changes to the program. Once submitted, this request will go through the approval process.



#### Division:

• Select the **Division** that the program will fall under.

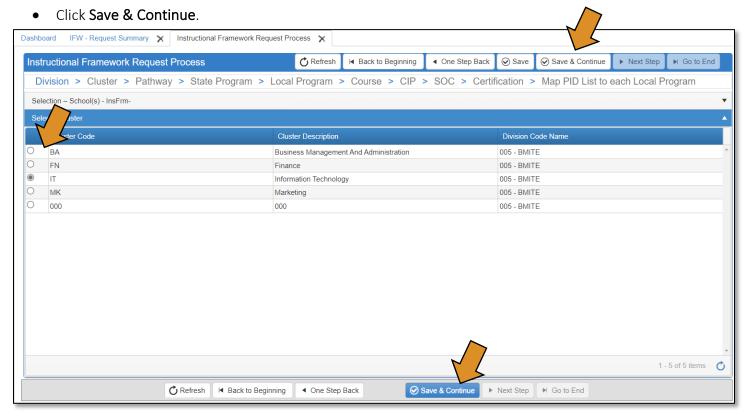
C Refresh



Save & Continue ► Next Step ► Go to End

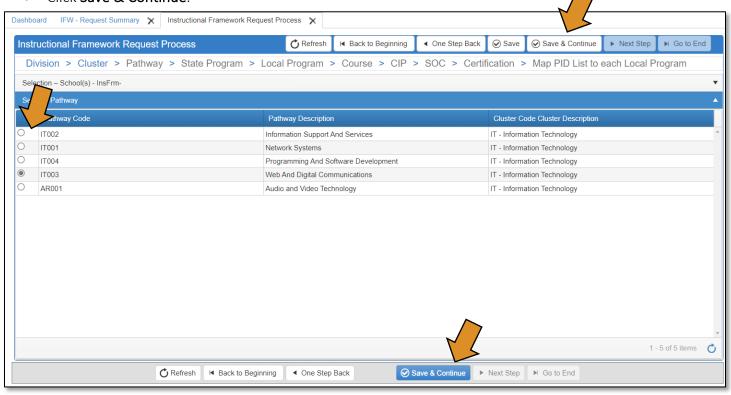
#### Cluster:

Select the Cluster.



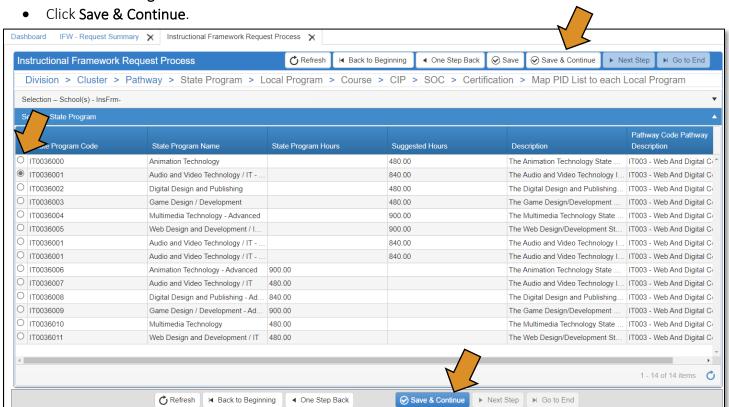
### Pathway:

- Select the Pathway.
- Click Save & Continue.



#### **State Program:**

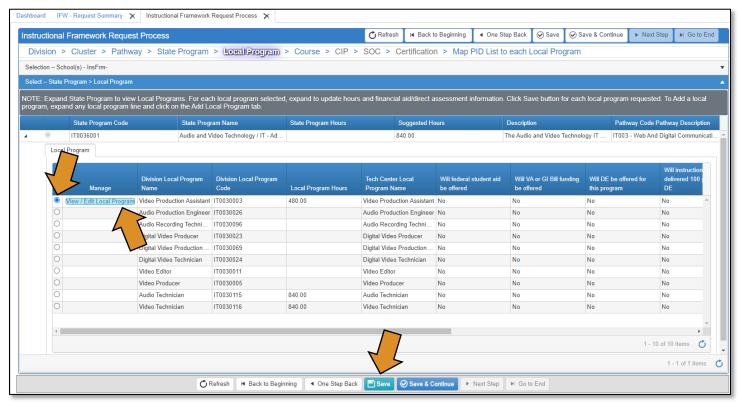
• Select State Program.



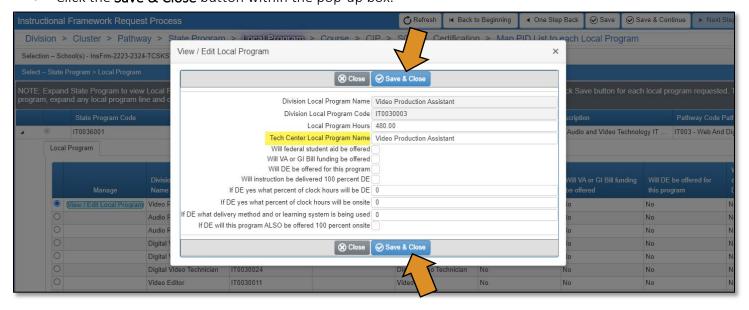
#### **Local Program:**

Applicable local programs names will appear.

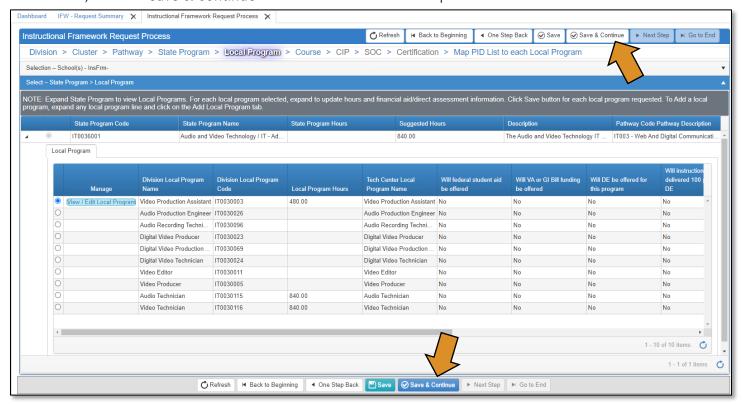
- Select one of these by clicking on the radio button next to the local program name.
- Click the turquoise Save button.
- Click on the **View / Edit Local Program** link to enter hours, federal student aid information, and distance ed. information.



- o A pop-up box will appear. Make the needed changes/updates.
- Add a **Tech Center Program Name** by typing in the text box.
- Click the Save & Close button within the pop-up box.



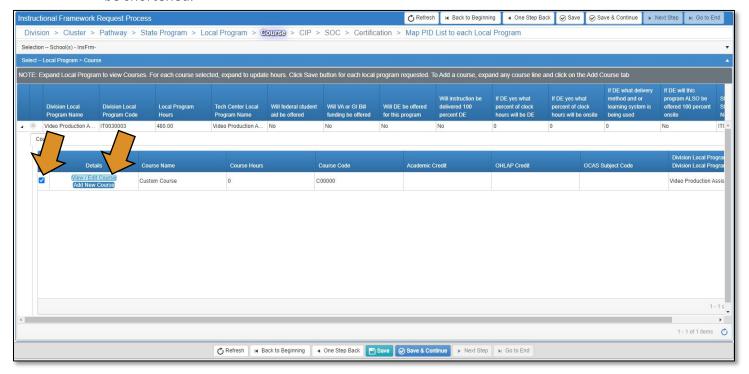
• Then, click the Save & Continue button to continue at the top or bottom of the screen.



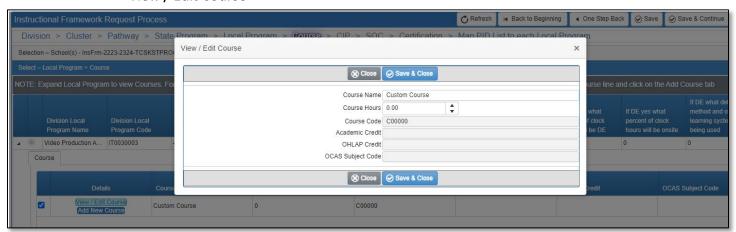
#### Course(s):

Applicable course names will appear.

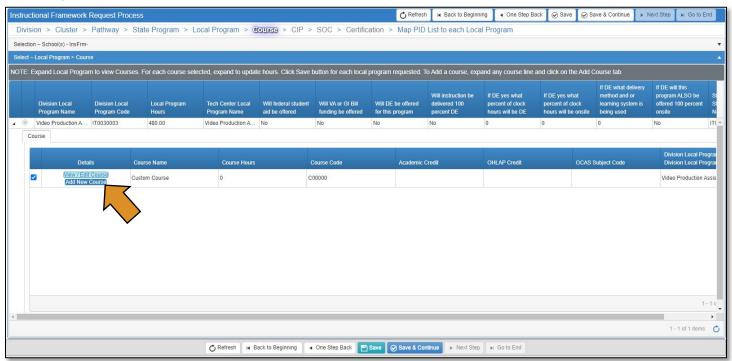
- If there is more than one option, you can select one or more of these by clicking on the check box in the column to the left of the *Details* column.
  - o If you choose a course that has Oklahoma Promise Credit attached to it, the course hours <u>cannot</u> be shortened.



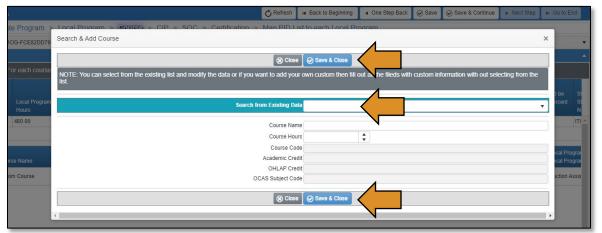
• Click on the View / Edit Course link to enter the Course Name & Hours.



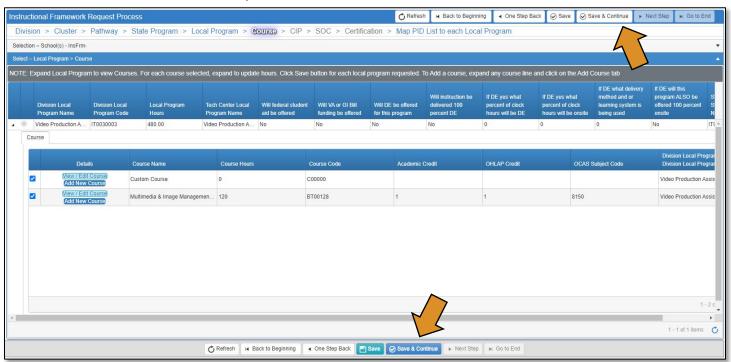
• If you want to add a new custom course, click on the Add New Course link.



- o A pop-up box will appear. Make the needed changes/updates.
- Type in the **Search from Existing Data** search bar to see if the course already exists.
  - o If the course already exists, select it, and the fields will populate with what is in that template. If you would like to change the **Course Name** or **Hours**, go ahead.
- Click the **Save & Close** button within the pop-up box.
  - o You will now see the course you added.



Click Save & Continue at the top or bottom of the screen to move to the CIP screen.



#### **CIP Code:**

Applicable CIP Code(s) associated to the state program will be displayed. You can only select **ONE CIP per Local Program**.

- If you need to change the CIP or have questions regarding the CIP, contact your occupational division specialist.
- Click Save & Continue.

#### **SOC Code:**

Based on the CIP Code selected, you can select from the SOC codes cross-walked to that CIP Code. You can select one or more SOC codes, but you cannot add additional SOC codes to the selected CIP.

- Select the **SOC Code(s)**.
- Click Save & Continue.

#### **Certification:**

Certifications that have been identified as applicable to the state program will appear.

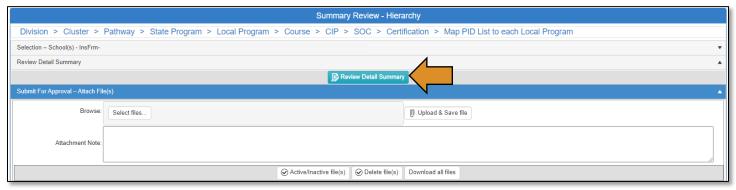
- Select the certifications that will be available for the program.
  - o If you need to add a certification that is not listed or if you have questions regarding the certifications, contact your occupational division specialist.
- Click Save and Continue.

#### PID/Teacher:

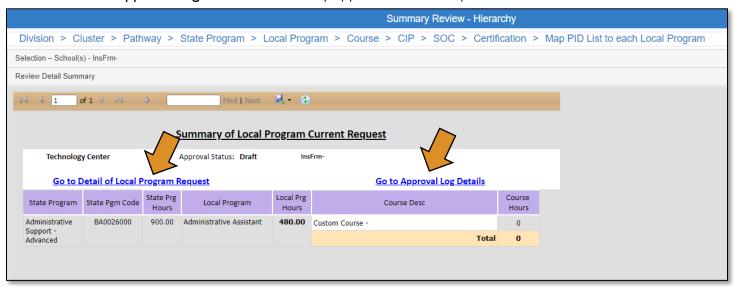
- \*\*PID's are Position ID's. They stay with the program. The instructors are moved in and out of the PID's as they change positions.
  - Select the teacher(s) that will be teaching this program. If the PID is not listed, you can continue without
    making any selection. Feel free to contact IMD for questions regarding PID's.
     CTIMSsupport@careertech.ok.gov.
  - Click the Save & Continue button.

#### **Summary Review/Submitting Request:**

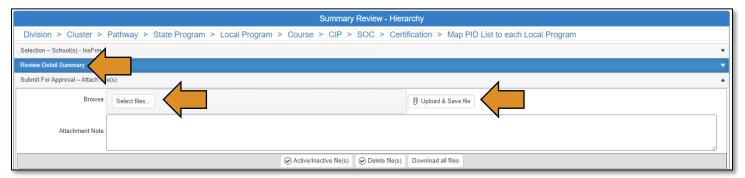
• On the **Summary Review-Hierarchy** screen, click the **View Detail Summary** button to see a summary report of your request. (This might take a few seconds to pull up.)



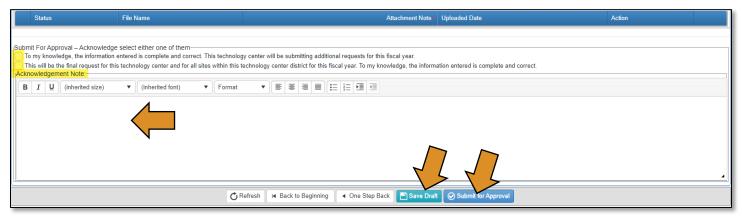
- Click **Go to Detail of Local Program Request** in the populated report to see all information. You can export this to Excel, CSV or PDF, if you'd like.
- The Go to Approval Log Details link will only appear once the request has been submitted.



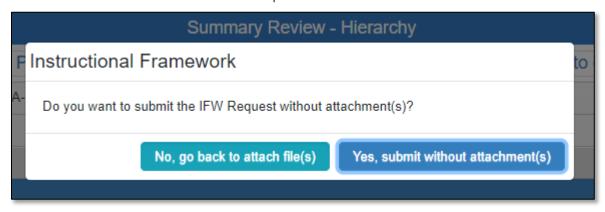
- Once you are comfortable with the request, click one the Review Detail Summary tab to close that window.
- Upload attachments if you need too.



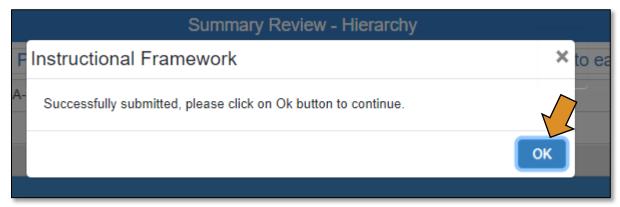
- Click on one or both of the acknowledgement boxes and add an acknowledgement note.
- You can either click the **Save Draft** button to review and submit at a later date, or you can click **Submit for Approval**.



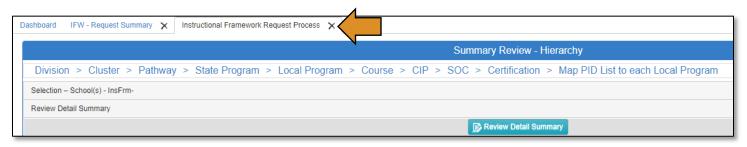
• After submitting for Approval, you will see a pop-up box asking if you would like to submit without attachments. Choose whichever option is accurate.



• If you select, Yes, submit without attachment(s), you will see another pop-up box indicating that the request has been successfully submitted. Click **OK**.



• Click the X on *the Instructional Framework Request Process* tab to close that screen.



#### Request a New Program

\*NOTE: Programs offered online, but not approved for Title IV Distance Education Eligibility should be entered separately with "online" at the end of the program name.

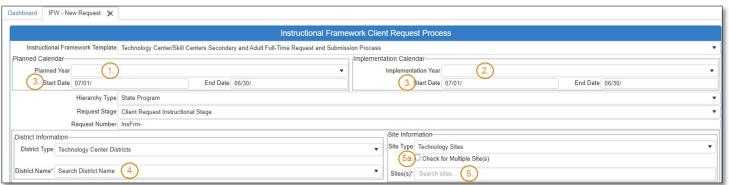
For example: your district has a fulltime Bookkeeping program approved for Title IV (Pell/Federal Student Aid) and has an online version of bookkeeping that is not approved for Title IV. Even if these two programs have the same name and hours, they should be entered separately.

- 1. Bookkeeping (program in person and/or with Title IV approved DE)
- 2. Bookkeeping ONLINE (correspondence type version not approved for Pell)
- Click the arrows next to Instructional Framework & Instructional Process.
- Click on the IFW New Request link.



- 1. Planned Year\*: This should default to the current calendar year.
- 2. Implementation Year\*: This should default to the next calendar year.
- 3. Confirm the Start Date\* and End Date\* for the Planned (current FY) & Implementation (next FY) years are correct.
- **4. District Name\*:** Start typing the first 3 letters of your school then choose your district from the drop-down.
- 5. Select the Site(s)\*: Start typing the first 3 letters of the site and choose from the drop-down.

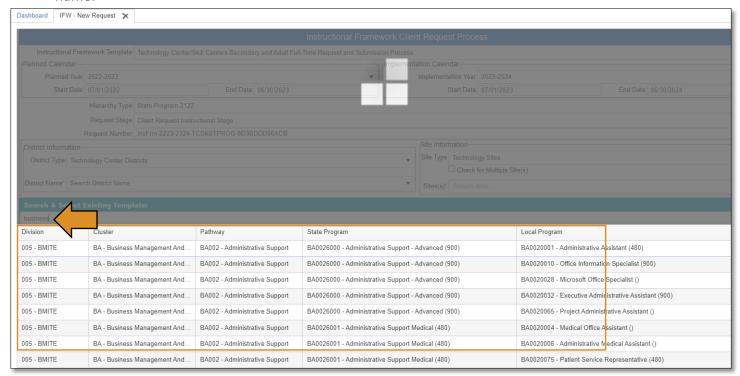
  a. If you will be choosing more than one site, click the box next to Check for Multiple Site(s) first then type the school name. Hint: if you have multiple sites are entering them all, start typing the first 3 letters of the technology center, then, on your keyboard hit Ctrl+A to select all sites.



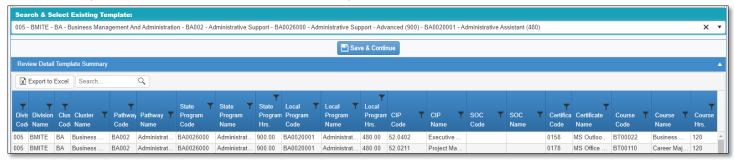
• In the Search & Select Existing Template: search box, start typing the State Program or Division.



- As you type, you will see the available templates for that program or division pull up.
- Select the correct option paying close attention to the hours that are in parenthesis next to the program name.



- After you select a template, the grid will appear at the bottom. Feel free to export this to excel or just look at it on the screen.
- Once you know have selected the correct template. Click **Save & Continue**.

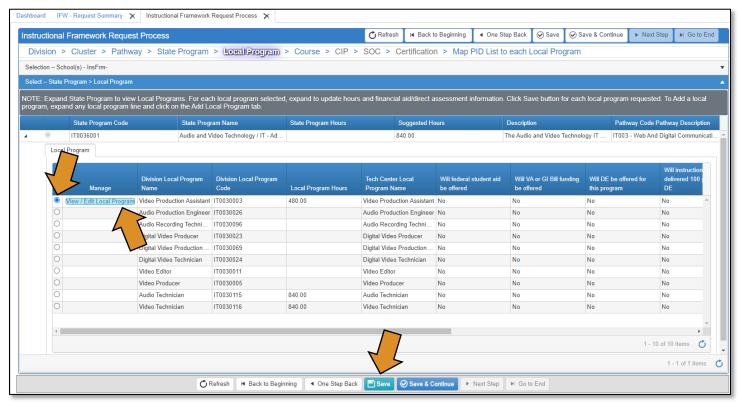


**IMPORTANT:** Once a request has been submitted for multiple sites, if there are any errors, they will have to be made individually for each site. It is best to carefully review the information before hitting the submit button.

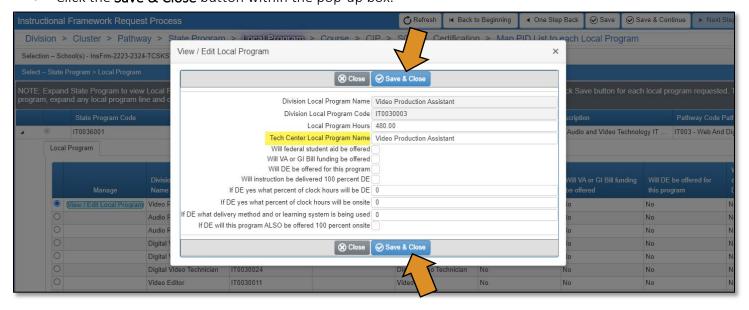
#### **Local Program:**

Applicable local programs names will appear.

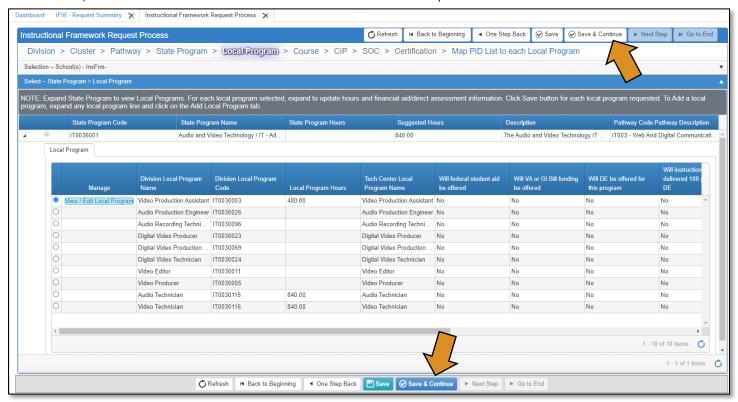
- Select one of these by clicking on the radio button next to the local program name.
- Click the turquoise Save button.
- Click on the **View / Edit Local Program** link to enter hours, federal student aid information, and distance ed. information.



- o A pop-up box will appear. Make the needed changes/updates.
- Add a **Tech Center Program Name** by typing in the text box.
- Click the Save & Close button within the pop-up box.



• Then, click the Save & Continue button to continue at the top or bottom of the screen.

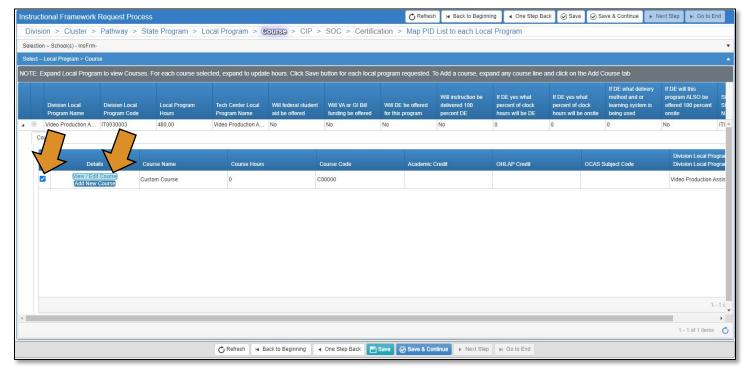


#### Course(s):

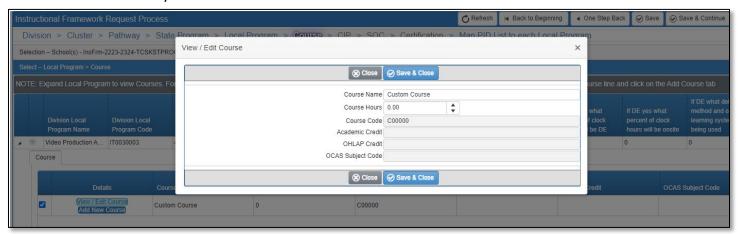
Applicable course names will appear.

If there is more than one option, you can select one or more of these by clicking on the check box in the column to the left of the *Details* column.

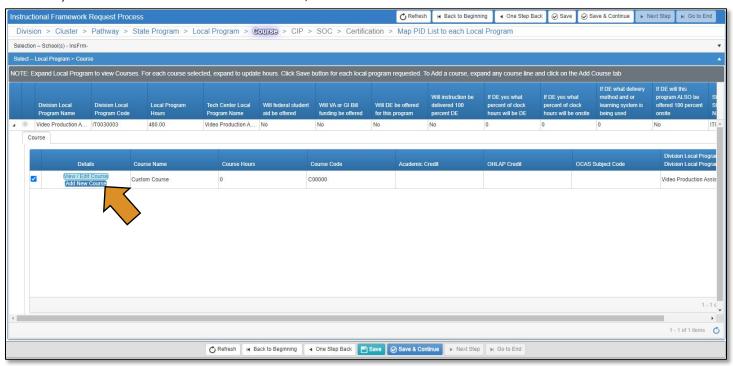
• If you choose a course that has Oklahoma Promise Credit attached to it, the course hours <u>cannot</u> be shortened.



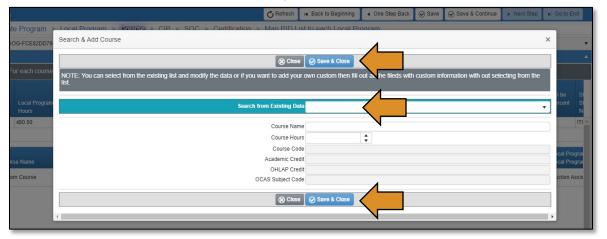
• Click on the View / Edit Course link to enter the Course Name & Hours.



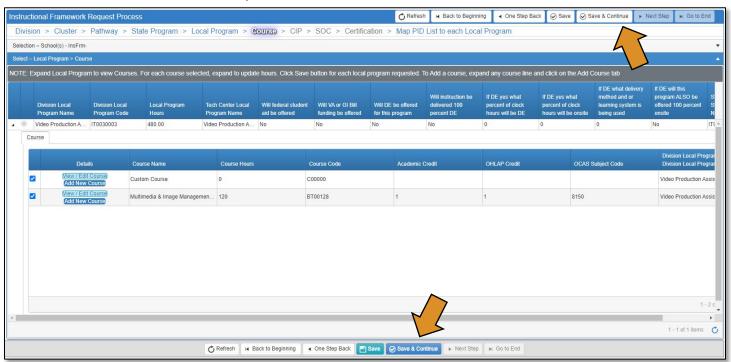
• If you want to add a new custom course, click on the Add New Course link.



- o A pop-up box will appear. Make the needed changes/updates.
- Type in the **Search from Existing Data** search bar to see if the course already exists.
  - o If the course already exists, select it, and the fields will populate with what is in that template. If you would like to change the **Course Name** or **Hours**, go ahead.
- Click the **Save & Close** button within the pop-up box.
  - o You will now see the course you added.



Click Save & Continue at the top or bottom of the screen to move to the CIP screen.



#### **CIP Code:**

Applicable CIP Code(s) associated to the state program will be displayed. You can only select **ONE CIP per Local Program**.

- If you need to change the CIP or have questions regarding the CIP, contact your occupational division specialist.
- Click Save & Continue.

#### **SOC Code:**

Based on the CIP Code selected, you can select from the SOC codes cross-walked to that CIP Code. You can select one or more SOC codes, but you cannot add additional SOC codes to the selected CIP.

- Select the **SOC Code(s)**.
- Click Save & Continue.

#### **Certification:**

Certifications that have been identified as applicable to the state program will appear.

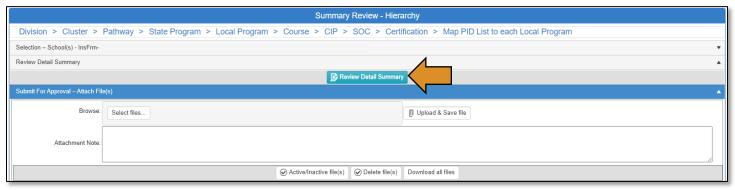
- Select the certifications that will be available for the program.
  - o If you need to add a certification that is not listed or if you have questions regarding the certifications, contact your occupational division specialist.
- Click Save and Continue.

#### PID/Teacher:

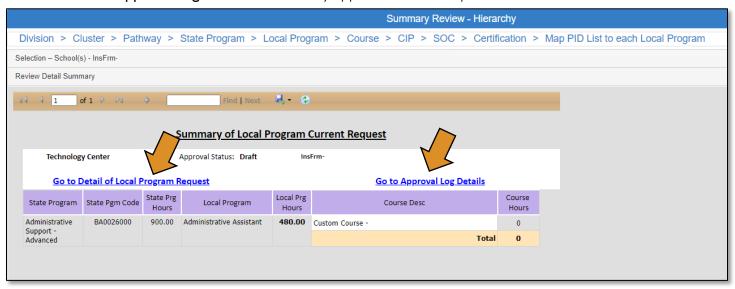
- \*\*PID's are Position ID's. They stay with the program. The instructors are moved in and out of the PID's as they change positions.
  - Select the teacher(s) that will be teaching this program. If the PID is not listed, you can continue without
    making any selection. Feel free to contact IMD for questions regarding PID's.
     CTIMSsupport@careertech.ok.gov.
  - Click the Save & Continue button.

#### **Summary Review/Submitting Request:**

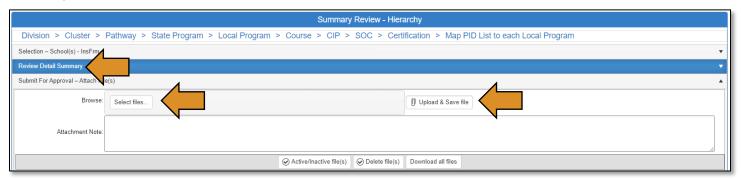
• On the **Summary Review-Hierarchy** screen, click the **Review Detail Summary** button to see a summary report of your request. (This might take a few seconds to pull up.)



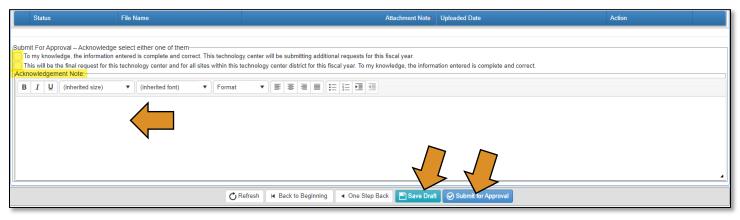
- Click **Go to Detail of Local Program Request** in the populated report to see all information. You can export this to Excel, CSV or PDF, if you'd like.
- The Go to Approval Log Details link will only appear once the request has been submitted.



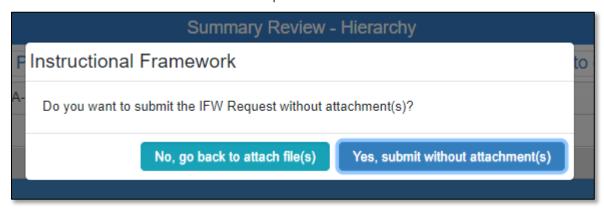
- Once you are comfortable with the request, click one the Review Detail Summary tab to close that window.
- Upload attachments if you need too.



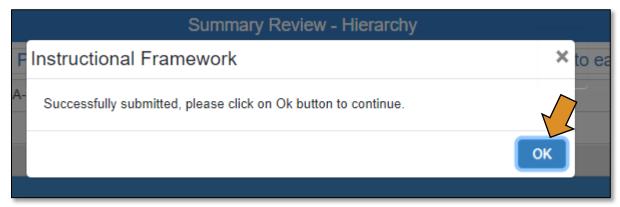
- Click on one or both of the acknowledgement boxes and add an acknowledgement note.
- You can either click the **Save Draft** button to review and submit at a later date, or you can click **Submit** for Approval.



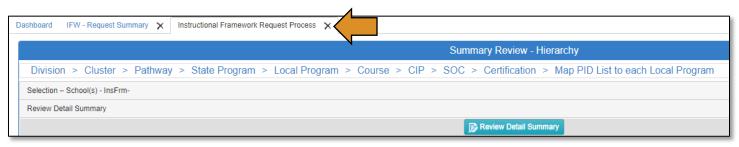
• After submitting for Approval, you will see a pop-up box asking if you would like to submit without attachments. Choose whichever option is accurate.



• If you select, Yes, submit without attachment(s), you will see another pop-up box indicating that the request has been successfully submitted. Click **OK**.



• Click the X on *the Instructional Framework Request Process* tab to close that screen.



#### Copy a Program to another Site

The copy feature allows you to copy a program from one site to another site(s). You can copy to other sites from the request summary screen.

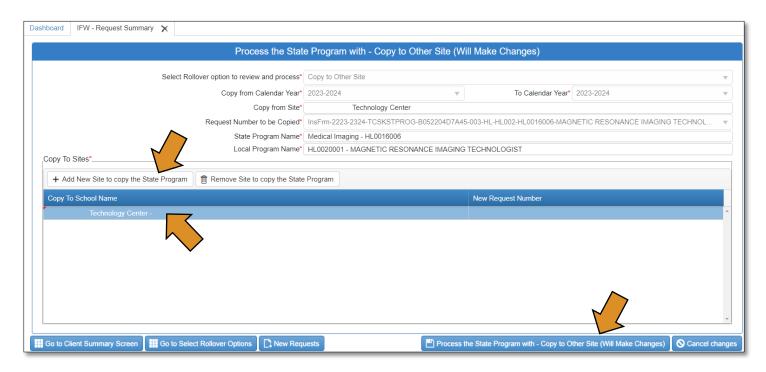
#### **IMPORTANT:**

- If making changes to a program that you are going to copy, make the changes first, then copy the program so all programs will reflect the same changes.
- New drafts must be submitted before they can be copied to other sites.
- The framework will not allow you to copy twice to the same site or back to the site copied from, to prevent duplication.
- When a program is copied to another site, the receiving site will show **New Draft** and must be submitted for approval, but all information will be there from the copied site. Always double check the information though!

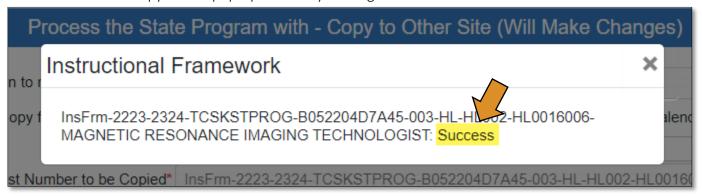
#### **IFW Request Summary:**



- After selecting Copy Other Sites link, on the Process the State Program with –Copy to Other Site screen, click the Add New Site to Copy the State Program button.
- In the Copy to School Name column, select the site you wish to copy to, then click the Process the State Program with Copy to Other Site button at the bottom of the screen.



• Confirm the copy on the pop-up screen by clicking the X.

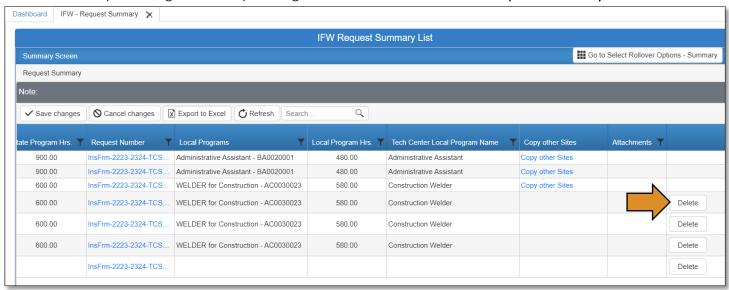


• You can close this screen by clicking the X beside the tab name.



#### What If I Change My Mind on How I Categorized a Program after Processing?

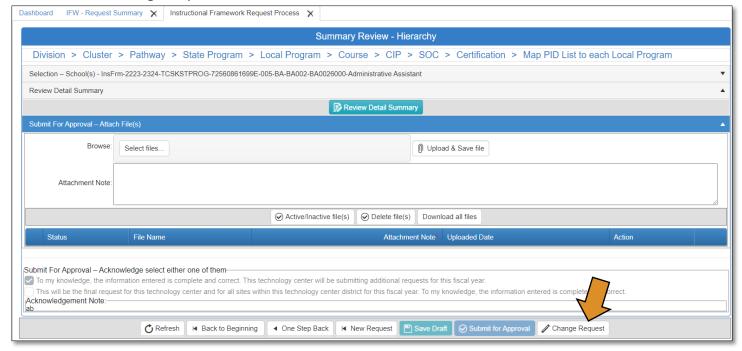
You can "undo" your categorization by clicking on the **Delete** button on the **Request Summary** screen.



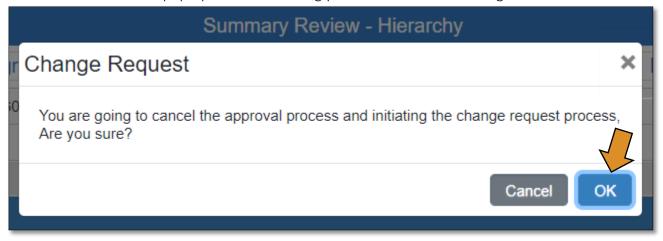
#### Change Request

If a request has been rejected back to you for additional information and/or changes, it will go back to your stage of approval in the IFW Request Summary List.

- Select the **Request Number** from the summary list.
- Go to the last page/screen, the **Summary Review-Hierarchy** screen.
- Click the **Change Request** button at the bottom of the screen.



• Select **OK** on the pop-up screen indicating you do want to make changes.



- Make the necessary changes.
- Once you make the changes, you will need to do an acknowledgement note again.
- Then, click **Submit for Approval**.
- A pop-up will appear asking if you want to submit without attachments. Select the appropriate answer.
- Another pop-up box will appear letting you know that you have "Successfully submitted, please click on OK button to continue." Click **OK**.
- An additional screen will appear. Add the appropriate note and click **Approve**. You <u>must</u> click Approve or the request will not actually be submitted.
- A new pop-up will appear with "Are you Sure?" Select OK.
- The changes will now be submitted to the next level of approval.

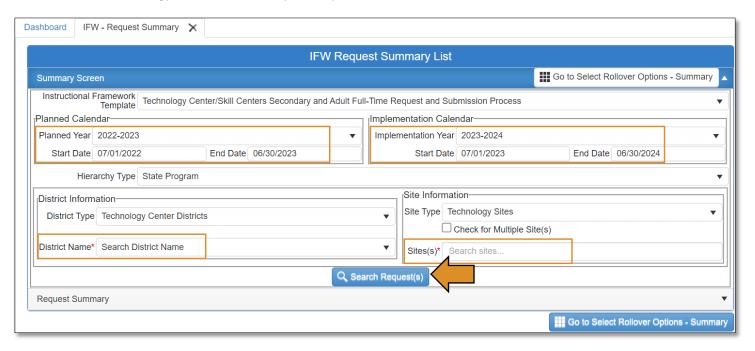
## View Approval Status

- Click the arrows next to Instructional Framework & Instructional Process.
- Click on the IFW Request Summary link.

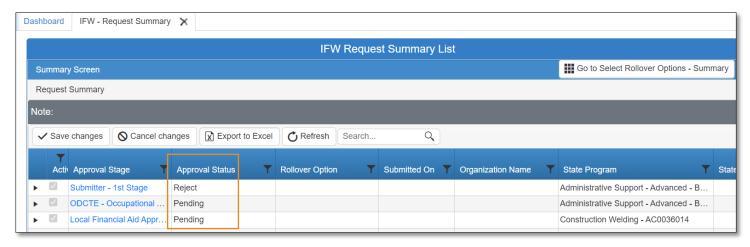


- Complete the IFW Request Summary List screen by verifying the planned year is the current year, the Implementation Year is the next school year.
- Type in the first three letters of your district name and select your school district from the drop-down menu.

Select the site you are wanting to view by typing the first three letters of the site and choosing the site from the drop-down menu. You can select multiple sites at the same time by clicking on the **Check for Multiple Site(s)** box. **Hint:** if you have multiple sites are entering them all, start typing the first 3 letters of the technology center, then, on your keyboard hit Ctrl+A to select all sites.



All requests processed or requested will be displayed with the current approval stage as shown in the third column of the grid (pending, fully approved, rejected, etc.).

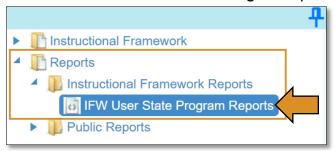


• Click the black arrow to the left of the approval stage and status.



## Approved State Programs Report

- Click the arrows next to **Reports** & **Instructional Framework Reports**.
- Click on the IFW User State Program Reports link.



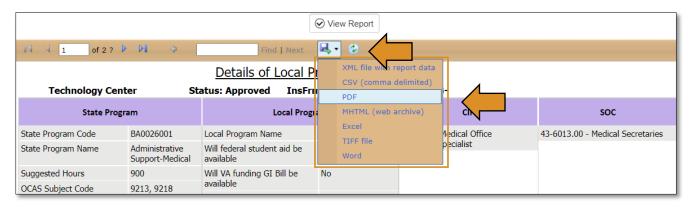
- 1. **Report Module\***: Should default to *Instructional Framework*.
- 2. **Organization Type\***: Should default to *Technology Sites*.
- 3. **Report Groups\***: Should default to *IFW User State Program Instructional Reports*.
- 4. **Organization\***: Start typing the first 3 letters of your school then choose your district from the drop-
- 5. **Report Name\***: Choose which report you want to run from the drop-down.
  - a. Note: The IFW Approved Detail State Programs report might take a few minutes to pull up.
- 6. School Calendar Year\*: Choose whichever school year you wanting to view.
- 7. Click View Report.



The report will appear under the View Report button. You can export the report to excel or PDF.

- Select the blue diskette in the tan toolbar.
- Select the format needed (PDF option is recommended for this report).
  - o If you select Excel, you will need to adjust the print layout option before you print to get the entire record on one page.

**IMPORTANT**: Each record is in a different sheet when exported to Excel. Click on the different sheet numbers at the bottom of the Excel file to go to each program record.



## IFW Local Financial Aid Approval

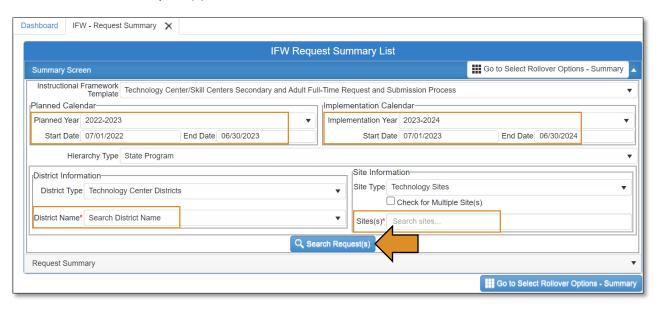
For individuals with the role of **IFW – Local Financial Aid Approval**, requests will need your approval. You will receive an e-mail when a request has been submitted for your district indicating you are the next level of approval.



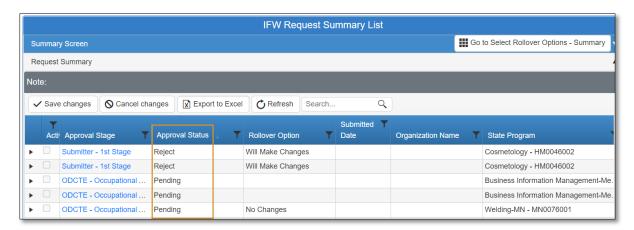
- Click the arrows next to Instructional Framework & Instructional Process.
- Click on the IFW Request Summary link.



- Verify the **Planned Year** is the current year, and the **Implementation Year** is the next school year.
- In the **District Name** field type in the first three letters of your district name and select your school district from the drop-down menu.
- In the **Site(s)** field select the site you are wanting to view by typing the first three letters of the site and choosing the site from the drop-down menu. You can select multiple sites at the same time by clicking on the **Check for Multiple Site(s)** box.
- Click Search Request(s).

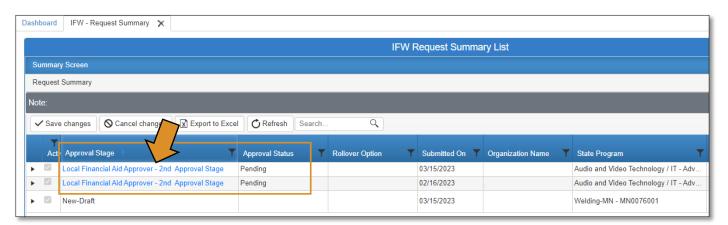


All requests processed or requested will be displayed with the current approval stage as shown in the third column of the grid (pending, fully approved, rejected, or etc.).

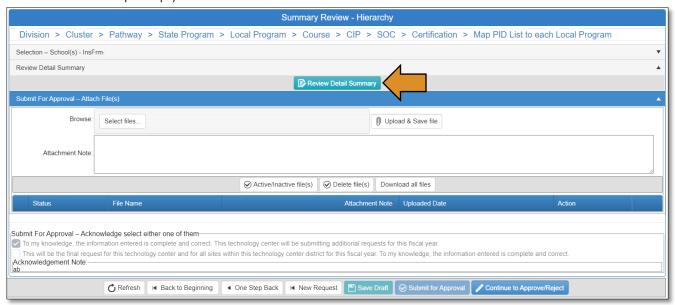


Requests needing your attention will have Local Financial Aid Approver – 2<sup>nd</sup> Approval State in the Approval Stage column and Pending in the Approval Status column.

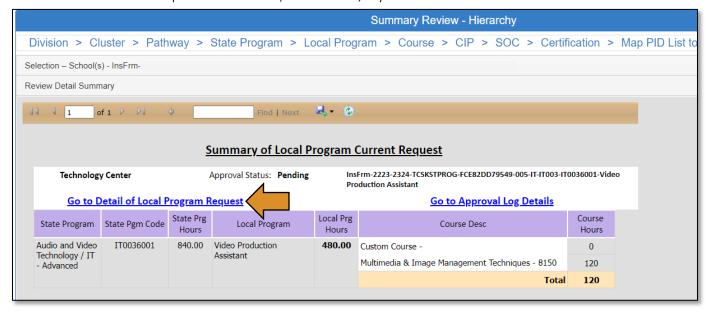
• Click on the Local Financial Aid Approver-2nd Approval Stage link in the Approval Stage column for the request you would like to approve. This will take you directly to the last screen of the request process.



• click the **Review Detail Summary** button to see a summary report of your request. (This might take a few seconds to pull up.)



- Click **Go to Detail of Local Program Request** in the populated report to see all information.
  - o You can export this to Excel, CSV or PDF, if you'd like.



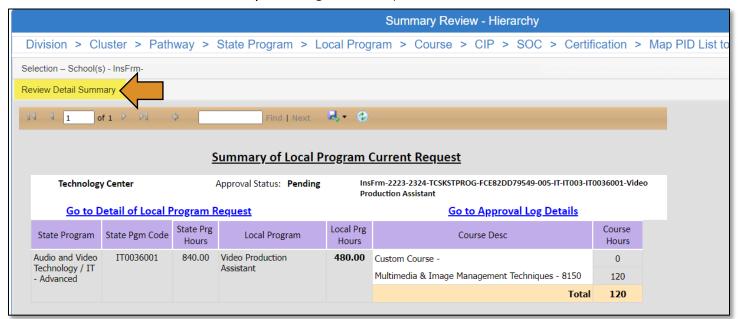
Review the program report:

- Is the program eligible for federal student aid? Was it marked YES?
- Are the total Local Program Hours correct?
- Are the CIP/SOC codes correct?
- Are the course hours equal to the total Local Program Hours?

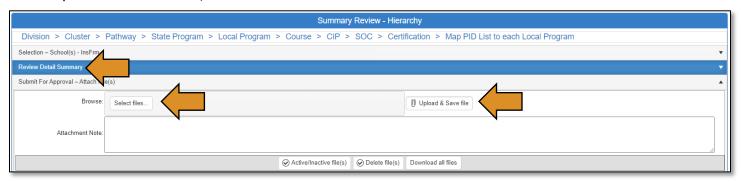
**NOTE**: If course hours are greater than the state program hours, it may be due to multiple courses being offered as electives for that program. That is okay.

Once you have looked at all the details, click the blue arrow, on the tan bar, that is pointing to the left.

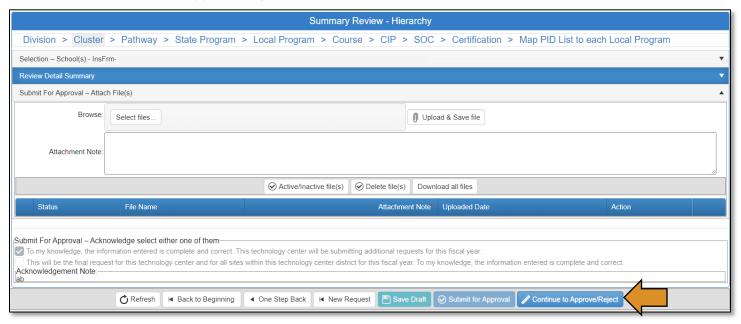
• Click the **Review Detail Summary** words again to collapse this section.



• Upload attachments if you need too.

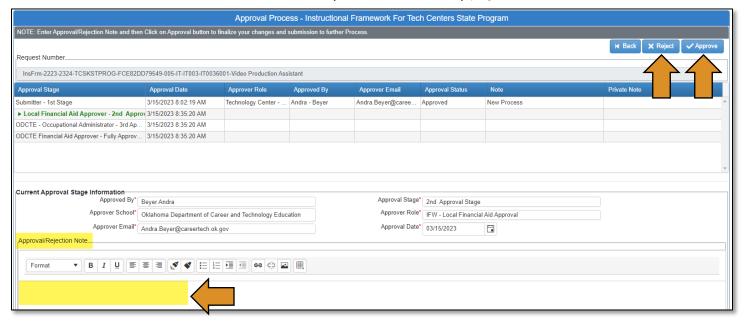


• Click on **Continue to Approve/Reject** at the bottom of the page.

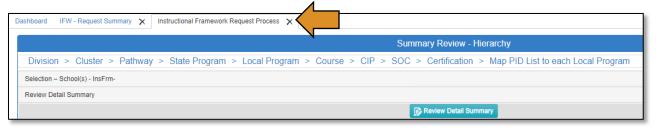


The following screen will allow you to finalize and approve (or reject) the request.

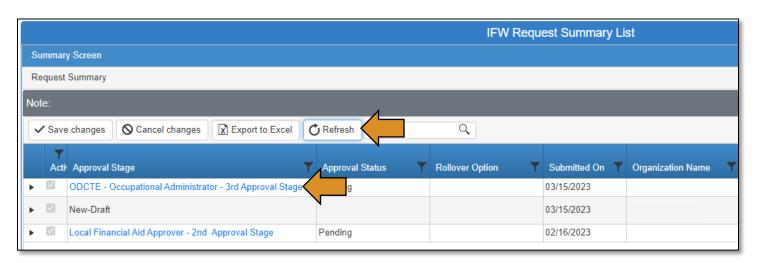
- You must enter something in the Approval/Rejection Note box.
- Then, click the **Reject or Approve** button.
- You will be asked if you are sure. Click **Cancel** or **OK**.
- If you click **OK**, you will receive a message: **Successfully Approved the Request**.
- Click **OK**.
  - o You will be returned to the **Summary Review Hierarchy** page.



• If you need to review another submission, click the **X** on *the Instructional Framework Request Process* tab to close the current screen.



- You will be back on the IFW Request Summary List screen.
- Click **Refresh** on this page to show that the request you just approved (or rejected) reflects accurately.



# APPENDIX A

## State Program List – By Division, Pathway & Program Name

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	State Program Hours
BMITE	ВА	BA005	Business Information Management	BA0056001	Business Information Management-Medical	1080
BMITE	ВА	BA002	Administrative Support	BA0026000	Administrative Support	900
BMITE	ВА	BA002	Administrative Support	BA0026001	Administrative Support-Medical	900
BMITE	ВА	BA004	General Management	BA0056002	Hospitality Management	900
BMITE	ВА	BA004	General Management	BA0046000	Entrepreneurship-BA	900
BMITE	ВА	BA002	Administrative Support	BA0026004	Customer Service	900
BMITE	ВА	BA002	Administrative Support	BA0026002	Administrative Support-Legal	900
BMITE	ВА	BA005	Business Information Management	BA0056000	Business Information Management	900
BMITE	FN	FN001	Accounting	FN0016000	Accounting	900
BMITE	FN	FN002	Business Finance	FN0026000	Financial Services	900
BMITE	IT	IT002	Information Support And Services	IT0016000	Computer/Network Support	900
BMITE	IT	IT001	Network Systems	IT0016005	Networking	1200
BMITE	IT	IT003	Web And Digital Communications	IT0036004	Multimedia Technology	900
BMITE	IT	IT004	Programming And Software Development	IT0046000	Programming	900
BMITE	ΙΤ	IT003	Web And Digital Communications	IT0036001	Audio and Video Technology IT	900
BMITE	ΙΤ	IT001	Network Systems	IT0016001	Cybersecurity	1200
BMITE	IT	IT003	Web And Digital Communications	IT0036000	Animation Technology	900
BMITE	IT	IT003	Web And Digital Communications	IT0036002	Digital Design and Publishing	900
BMITE	IT	IT003	Web And Digital Communications	IT0036005	Web Design and Development- IT	900
BMITE	ΙΤ	IT001	Network Systems	IT0016004	Network Support	900
BMITE	IT	IT003	Web And Digital Communications	IT0036001	Audio and Video Technology-IT	900
BMITE	IT	IT003	Web And Digital Communications	IT0036003	Game Design/Development	900
BMITE	IT	IT004	Programming And Software Development	IT0046001	Computer Science Prep	900
BMITE	MK	MK004	Marketing Communications	MK0046000	Marketing Communications	900
BMITE	MK	MK001	Marketing Management And Entrepreneurship	MK0016000	Entrepreneurship-MK	900

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	State Program Hours
ВМІТЕ	MK	MK001	Marketing Management And Entrepreneurship	MK0016001	Management	900
F&CS	AR	AR006	Visual Arts	AR0066003	Interior Design	600
F&CS	AR	AR006	Visual Arts	AR0066001	Fashion and Apparel Design	600
F&CS	ED	ED003	Teaching/Training	ED0036000	Teaching/Training	800
F&CS	НМ	HM001	Early Childhood Development & Services	HM0016004	Early Care and Education Teacher Assistant	850
F&CS	НМ	HM001	Early Childhood Development & Services	HM0016002	Early Care and Education Specialized	1350
F&CS	НМ	HM001	Early Childhood Development & Services	HM0016003	Early Care and Education Teacher	1150
F&CS	НТ	HT001	Restaurant Food & Beverage Services	HT0016000	Culinary Arts	800
F&CS	HT	HT002	Lodging	HT0026000	Lodging	700
F&CS	НТ	HT002	Lodging	HT0026002	Lodging Service Careers and Workforce Transition	300
F&CS	НТ	HT001	Restaurant Food & Beverage Services	HT0016001	Service Careers Culinary Arts	400
F&CS	НТ	HT004	Recreation, Amusements & Attractions	HT0046000	Casino and Gaming	800
F&CS	HT	HT002	Lodging	HT0026000	Lodging Services	700
Health	HL	HL004	Support Services	HL0016017	Surgical Technologist	1000
Health	HL	HL002	Diagnostic Services	HL0026002	Radiologic Technologist	2300
Health	HL	HL001	Therapeutic Services	HL0016005	Licensed Practical Nurse	1300
Health	HL	HL001	Therapeutic Services	HL0016021	Medical Services - Medical Assisting	900
Health	HL	HL002	Diagnostic Services	HL0016006	Medical Imaging	900
Health	HL	HL001	Therapeutic Services	HL0016025	Nursing Services - C N A	600
Health	HL	HL001	Therapeutic Services	HL0016015	Respiratory Services	1400
Health	HL	HL001	Therapeutic Services	HL0016002	Dental Services	900
Health	HL	HL001	Therapeutic Services	HL0016009	Occupational Therapy	1200
Health	HL	HL001	Therapeutic Services	HL0016013	Physical Therapy Assistant	1200
Health	HL	HL004	Support Services	HL0016016	Surgical Services	600
Health	HL	HL001	Therapeutic Services	HL0016021	Medical Services-Medical Assisting	900
Health	HL	HL001	Therapeutic Services	HL0016020	Vision Care Services	900

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
Health	HL	HL001	Therapeutic Services	HL0016026	Nursing Services - Advanced	800
Health	HL	HL001	Therapeutic Services	HL0016023	Medical Services - H U C	600
Health	HL	HL001	Therapeutic Services	HL0016019	Veterinary Services	750
Health	HL	HL001	Therapeutic Services	HL0016014	Rehabilitation Services	800
Health	HL	HL001	Therapeutic Services	HL0016024	Medical Services - Phlebotomy	900
Health	HL	HL004	Support Services	HL0046001	Health Studies	600
Health	HL	HL001	Therapeutic Services	HL0016022	Medical Services - E K G	700
Health	HL	HL001	Therapeutic Services	HL0016011	Paramedic	1200
Health	HL	HL001	Therapeutic Services	HL0016004	Emergency Medical Services	400
Health	HL	HL001	Therapeutic Services	HL0016010	Orthotic & Prosthetics	2000
Health	HL	HL001	Therapeutic Services	HL0016012	Pharmacy Services	600
Health	HL	HL001	Therapeutic Services	HL0016000	Behavioral Medicine	600
Health	HL	HL002	Diagnostic Services	HL0016003	Diagnostic Medical Sonographer	1800
Health	HL	HL001	Therapeutic Services	HL0016024	Medical ServicesPhlebotomy	900
Health	HL	HL001	Therapeutic Services	HL0016001	Dental Hygiene	2100
STEM	SC	SC001	Engineering And Technology	SC0026010	Pre-Engineering Program - Advanced	960
STEM	SC	SC002	Science And Mathematics	SC0026007	Biomedical Science and Medicine Program - Advanced	960
STEM	SC	SC001	Engineering And Technology	SC0026002	Computer Science Program - Advanced	960
STEM	SC	SC001	Engineering And Technology	SC0016001	Pre-Engineering Program	480
STEM	SC	SC002	Science And Mathematics	SC0026008	Biotechnology Program	480
STEM	SC	SC002	Science And Mathematics	SC0026001	Biotechnology Program - Advanced	960
STEM	SC	SC002	Science And Mathematics	SC0026000	Biomedical Science and Medicine Program	480
STEM	SC	SC001	Engineering And Technology	SC0026006	Aerospace Program - Advanced	960
T&I	AC	AC002	Design/Pre-Construction	AC0026000	Computer Aided Drafting-AC	900
T&I	AC	AC003	Construction	AC0036007	Heating, Ventilation & Air Conditioning	900
T&I	AC	AC003	Construction	AC0036000	Carpentry	900
T&I	AC	AC003	Construction	AC0036009	Introduction to Construction	900
T&I	AC	AC004	Maintenance/Operations	AC0046000	Service Careers Maintenance	725
T&I	AC	AC003	Construction	AC0036003	Electrical Trades	900

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
T&I	AC	AC003	Construction	AC0036011	Plumbing	900
T&I	AC	AC003	Construction	AC0030008	CABINETMAKER	525
T&I	AC	AC003	Construction	AC0036006	Finish Carpentry	600
T&I	AC	AC003	Construction	AC0030117	Carpentry Level 1	525
T&I	AC	AC003	Construction	AC0030059	CARPENTERS HELPER	525
T&I	AC	AC003	Construction	AC0036010	Masonry	900
T&I	AC	AC003	Construction	AC0036008	Heavy Equipment Operator	900
T&I	AC	AC003	Construction	AC0036004	Electricity	900
T&I	AC	AC003	Construction	AC0030012	FRAME CARPENTER	500
T&I	AC	AC003	Construction	AC0036005	Construction Electronics	900
T&I	AC	AC003	Construction	AC0036014	Welding-AC	900
T&I	AC	AC003	Construction	AC0030083	CONSTRUCTION TECHNOLOGY	900
T&I	AC	AC003	Construction	AC0030089	HEAVY EQUIPMENT OPERATOR	525
T&I	AC	AC003	Construction	AC0036015	Introduction to Construction	525
T&I	AC	AC004	Maintenance/Operations	AC0040052	SERVICE CAREERS MAINTENANCE II	500
T&I	AC	AC003	Construction	AC0030006	RESIDENTIAL ELECTRICIANS ASSISTANT	480
T&I	AG	AG002	Plant And Soil Science	AG0026002	Service Careers Horticulture	750
T&I	AG	AG003	Animal Science	AG0036000	Equine Science	1025
T&I	AG	AG002	Plant And Soil Science	AG0026001	Horticulture	700
T&I	AR	AR004	Printing Technology	AR0046002	Graphic Communications	900
T&I	AR	AR006	Visual Arts	AR0066004	Web Design and Development- AR	1050
T&I	AR	AR001	Audio And Video Technology	AR0016000	Audio and Video Technology-AR	900
T&I	AR	AR001	Audio And Video Technology	AR0046000	3D Gaming Design	900
T&I	AR	AR006	Visual Arts	AR0066000	Commercial Photography	600
T&I	AR	AR006	Visual Arts	AR0066004	Web Design and Development	900
T&I	AR	AR004	Printing Technology	AR0046001	Printing Technology	900
T&I	EP	AC004	Maintenance/Operations	EP0020002	Electrical Lineman	1200
T&I	EP	AC004	Maintenance/Operations	EP0020001	Energy & Power	1000
T&I	НМ	HM004	Personal Care Services	HM0046002	COSMETOLOGY	1500
T&I	НМ	HM004	Personal Care Services	HM0046004	MANICURIST/NAIL TECHNICIAN	600

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
T&I	НМ	HM004	Personal Care Services	HM0040007	MASTER INSTRUCTOR	1000
T&I	НМ	HM004	Personal Care Services	HM0046003	ESTHETICS	600
T&I	НМ	HM004	Personal Care Services	HM0046003	Esthetician	600
T&I	НМ	HM004	Personal Care Services	HM0046001	BARBER	1500
T&I	НМ	HM004	Personal Care Services	HM0046004	Manicurist/Nail Technology	800
T&I	LW	LW004	Law Enforcement Services	LW0046000	Criminal Justice	900
T&I	LW	LW002	Emergency & Fire Management Services	LW0026000	Firefighter	900
T&I	MN	MN003	Maintenance, Installation & Repair	MN0036001	Mechatronics	900
T&I	MN	MN007	Welding And Metal Fabrication	MN0076011	WELDING	900
T&I	MN	MN002	Production	MN0026000	CNC Machining	900
T&I	MN	MN007	Welding And Metal Fabrication	MN0076000	Metal Fabrication	600
T&I	MN	MN007	Welding And Metal Fabrication	MN0076001	Welding-MN	900
T&I	MN	MN001	Manufacturing Production Process Development	MN0016000	Computer Aided Drafting-MN	900
T&I	MN	MN002	Production	MN0026001	Manual Machinist	580
T&I	MN	MN002	Production	MN0026001	Manual Machinist with CNC	600
T&I	MN	MN001	Manufacturing Production Process Development	MN0076003	Energy & Power	1050
T&I	MN	MN003	Maintenance, Installation & Repair	MN0036000	Electronics-MN	900
T&I	MN	MN011	Manufacturing Academy	MN0116000	Foundations Of Manufacturing	400
T&I	MN	MN001	Manufacturing Production Process Development	MN0016001	Applied Engineering Technology	600
T&I	TR	TR009	Automotive Collision Repair	TR0096000	Automotive Collision Repair and Refinishing	900
T&I	TR	TR008	Automotive Service	TR0086000	Automotive Service Technology	900
T&I	TR	TRO10	Medium/Heavy Diesel Truck Repair	TR0106000	Medium/Heavy Diesel Service	900
T&I	TR	TR011	Aerospace Maintenance	TR0116001	A & P Mechanic	1900
T&I	TR	TR011	Aerospace Maintenance	TR0116000	Aerospace Technician	960
T&I	TR	TR015	Logistics, Planning & Management Services	TR0156000	Pipeline Technology	900
T&I	TR	TR001	Transportation Operations	TR0016001	Truck Driver Training	200
T&I	TR	TR004	Facility And Mobile Equipment Maintenance	TR0046002	Motorcycle Technology	900

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
T&I	TR	TR010	Medium/Heavy Diesel Truck Repair	TR0106001	Agriculture Mechanics-TR	900
T&I	TR	TR004	Facility And Mobile Equipment Maintenance	TR0046001	Marine Repair Technology	900
T&I	TR	TR008	Automotive Service	TR0086001	Service Careers - Auto Care	120
T&I	TR	TR003	Warehousing And Distribution Center Operations	TR0036001	Warehouse and Logistics	700
T&I	TR	TR004	Facility And Mobile Equipment Maintenance	TR0046003	Power Products	900
T&I	TR	TR001	Transportation Operations	TR0016000	Private Pilot	480

## APPENDIX B

#### State Program List – By State Program

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
T&I	AR	AR001	Audio And Video Technology	AR0046000	3D Gaming Design	900
T&I	TR	TR011	Aerospace Maintenance	TR0116001	A & P Mechanic	1900
BMITE	FN	FN001	Accounting	FN0016000	Accounting	900
BMITE	ВА	BA002	Administrative Support	BA0026000	Administrative Support	900
BMITE	ВА	BA002	Administrative Support	BA0026002	Administrative Support-Legal	900
BMITE	ВА	BA002	Administrative Support	BA0026001	Administrative Support-Medical	900
STEM	SC	SC001	Engineering And Technology	SC0026006	Aerospace Program - Advanced	960
T&I	TR	TR011	Aerospace Maintenance	TR0116000	Aerospace Technician	960
T&I	TR	TR010	Medium/Heavy Diesel Truck Repair	TR0106001	Agriculture Mechanics-TR	900
BMITE	IT	IT003	Web And Digital Communications	IT0036000	Animation Technology	900
T&I	MN	MN001	Manufacturing Production Process Development	MN0016001	Applied Engineering Technology	600
BMITE	IT	IT003	Web And Digital Communications	IT0036001	Audio and Video Technology IT	900
T&I	AR	AR001	Audio And Video Technology	AR0016000	Audio and Video Technology-AR	900
BMITE	IT	IT003	Web And Digital Communications	IT0036001	Audio and Video Technology-IT	900
T&I	TR	TR009	Automotive Collision Repair	TR0096000	Automotive Collision Repair and Refinishing	900
T&I	TR	TR008	Automotive Service	TR0086000	Automotive Service Technology	900
T&I	НМ	HM004	Personal Care Services	HM0046001	BARBER	1500
Health	HL	HL001	Therapeutic Services	HL0016000	Behavioral Medicine	600
STEM	SC	SC002	Science And Mathematics	SC0026000	Biomedical Science and Medicine Program	480
STEM	SC	SC002	Science And Mathematics	SC0026007	Biomedical Science and Medicine Program - Advanced	960
STEM	SC	SC002	Science And Mathematics	SC0026008	Biotechnology Program	480
STEM	SC	SC002	Science And Mathematics	SC0026001	Biotechnology Program - Advanced	960
BMITE	ВА	BA005	Business Information Management	BA0056000	Business Information Management	900
BMITE	ВА	BA005	Business Information Management	BA0056001	Business Information Management-Medical	1080

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
T&I	AC	AC003	Construction	AC0030008	CABINETMAKER	525
T&I	AC	AC003	Construction	AC0030059	CARPENTERS HELPER	525
T&I	AC	AC003	Construction	AC0036000	Carpentry	900
T&I	AC	AC003	Construction	AC0030117	Carpentry Level 1	525
F&CS	HT	HT004	Recreation, Amusements & Attractions	HT0046000	Casino and Gaming	800
T&I	MN	MN002	Production	MN0026000	CNC Machining	900
T&I	AR	AR006	Visual Arts	AR0066000	Commercial Photography	600
T&I	AC	AC002	Design/Pre-Construction	AC0026000	Computer Aided Drafting-AC	900
T&I	MN	MN001	Manufacturing Production Process Development	MN0016000	Computer Aided Drafting-MN	900
BMITE	IT	IT004	Programming And Software Development	IT0046001	Computer Science Prep	900
STEM	SC	SC001	Engineering And Technology	SC0026002	Computer Science Program - Advanced	960
BMITE	ΙΤ	IT002	Information Support And Services	IT0016000	Computer/Network Support	900
T&I	AC	AC003	Construction	AC0036005	Construction Electronics	900
T&I	AC	AC003	Construction	AC0030083	CONSTRUCTION TECHNOLOGY	900
T&I	НМ	HM004	Personal Care Services	HM0046002	COSMETOLOGY	1500
T&I	LW	LW004	Law Enforcement Services	LW0046000	Criminal Justice	900
F&CS	HT	HT001	Restaurant Food & Beverage Services	HT0016000	Culinary Arts	800
BMITE	ВА	BA002	Administrative Support	BA0026004	Customer Service	900
BMITE	IT	IT001	Network Systems	IT0016001	Cybersecurity	1200
Health	HL	HL001	Therapeutic Services	HL0016001	Dental Hygiene	2100
Health	HL	HL001	Therapeutic Services	HL0016002	Dental Services	900
Health	HL	HL002	Diagnostic Services	HL0016003	Diagnostic Medical Sonographer	1800
BMITE	ΙΤ	IT003	Web And Digital Communications	IT0036002	Digital Design and Publishing	900
F&CS	НМ	HM001	Early Childhood Development & Services	HM0016002	Early Care and Education Specialized	1350
F&CS	НМ	HM001	Early Childhood Development & Services	HM0016003	Early Care and Education Teacher	1150
F&CS	НМ	HM001	Early Childhood Development & Services	HM0016004	Early Care and Education Teacher Assistant	850

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
T&I	EP	AC004	Maintenance/Operations	EP0020002	Electrical Lineman	1200
T&I	AC	AC003	Construction	AC0036003	Electrical Trades	900
T&I	AC	AC003	Construction	AC0036004	Electricity	900
T&I	MN	MN003	Maintenance, Installation & Repair	MN0036000	Electronics-MN	900
Health	HL	HL001	Therapeutic Services	HL0016004	Emergency Medical Services	400
T&I	EP	AC004	Maintenance/Operations	EP0020001	Energy & Power	1000
T&I	MN	MN001	Manufacturing Production Process Development	MN0076003	Energy & Power	1050
BMITE	ВА	BA004	General Management	BA0046000	Entrepreneurship-BA	900
BMITE	MK	MK001	Marketing Management And Entrepreneurship	MK0016000	Entrepreneurship-MK	900
T&I	AG	AG003	Animal Science	AG0036000	Equine Science	1025
T&I	НМ	HM004	Personal Care Services	HM0046003	Esthetician	600
T&I	НМ	HM004	Personal Care Services	HM0046003	ESTHETICS	600
F&CS	AR	AR006	Visual Arts	AR0066001	Fashion and Apparel Design	600
BMITE	FN	FN002	Business Finance	FN0026000	Financial Services	900
T&I	AC	AC003	Construction	AC0036006	Finish Carpentry	600
T&I	LW	LW002	Emergency & Fire Management Services	LW0026000	Firefighter	900
T&I	MN	MN011	Manufacturing Academy	MN0116000	Foundations Of Manufacturing	400
T&I	AC	AC003	Construction	AC0030012	FRAME CARPENTER	500
BMITE	IT	IT003	Web And Digital Communications	IT0036003	Game Design/Development	900
T&I	AR	AR004	Printing Technology	AR0046002	Graphic Communications	900
Health	HL	HL004	Support Services	HL0046001	Health Studies	600
T&I	AC	AC003	Construction	AC0036007	Heating, Ventilation & Air Conditioning	900
T&I	AC	AC003	Construction	AC0036008	Heavy Equipment Operator	900
T&I	AC	AC003	Construction	AC0030089	HEAVY EQUIPMENT OPERATOR	525
T&I	AG	AG002	Plant And Soil Science	AG0026001	Horticulture	700
BMITE	BA	BA004	General Management	BA0056002	Hospitality Management	900
F&CS	AR	AR006	Visual Arts	AR0066003	Interior Design	600
T&I	AC	AC003	Construction	AC0036015	Introduction to Construction	525
T&I	AC	AC003	Construction	AC0036009	Introduction to Construction	900

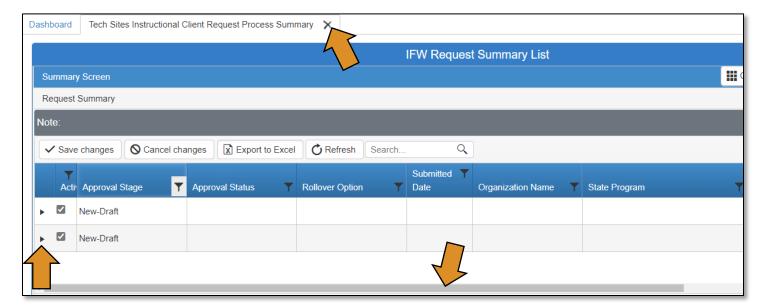
Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
Health	HL	HL001	Therapeutic Services	HL0016005	Licensed Practical Nurse	1300
F&CS	HT	HT002	Lodging	HT0026000	Lodging	700
F&CS	HT	HT002	Lodging	HT0026002	Lodging Service Careers and Workforce Transition	300
F&CS	HT	HT002	Lodging	HT0026000	Lodging Services	700
BMITE	MK	MK001	Marketing Management And Entrepreneurship	MK0016001	Management	900
T&I	НМ	HM004	Personal Care Services	HM0046004	MANICURIST/NAIL TECHNICIAN	600
T&I	НМ	HM004	Personal Care Services	HM0046004	Manicurist/Nail Technology	800
T&I	MN	MN002	Production	MN0026001	Manual Machinist	580
T&I	MN	MN002	Production	MN0026001	Manual Machinist with CNC	600
T&I	TR	TR004	Facility And Mobile Equipment Maintenance	TR0046001	Marine Repair Technology	900
BMITE	MK	MK004	Marketing Communications	MK0046000	Marketing Communications	900
T&I	AC	AC003	Construction	AC0036010	Masonry	900
T&I	НМ	HM004	Personal Care Services	HM0040007	MASTER INSTRUCTOR	1000
T&I	MN	MN003	Maintenance, Installation & Repair	MN0036001	Mechatronics	900
Health	HL	HL002	Diagnostic Services	HL0016006	Medical Imaging	900
Health	HL	HL001	Therapeutic Services	HL0016022	Medical Services - E K G	700
Health	HL	HL001	Therapeutic Services	HL0016023	Medical Services - H U C	600
Health	HL	HL001	Therapeutic Services	HL0016021	Medical Services - Medical Assisting	900
Health	HL	HL001	Therapeutic Services	HL0016024	Medical Services - Phlebotomy	900
Health	HL	HL001	Therapeutic Services	HL0016021	Medical Services-Medical Assisting	900
Health	HL	HL001	Therapeutic Services	HL0016024	Medical ServicesPhlebotomy	900
T&I	TR	TR010	Medium/Heavy Diesel Truck Repair	TR0106000	Medium/Heavy Diesel Service	900
T&I	MN	MN007	Welding And Metal Fabrication	MN0076000	Metal Fabrication	600
T&I	TR	TR004	Facility And Mobile Equipment Maintenance	TR0046002	Motorcycle Technology	900
BMITE	IT	IT003	Web And Digital Communications	IT0036004	Multimedia Technology	900
BMITE	IT	IT001	Network Systems	IT0016004	Network Support	900
BMITE	ΙΤ	IT001	Network Systems	IT0016005	Networking	1200

Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
Health	HL	HL001	Therapeutic Services	HL0016026	Nursing Services - Advanced	800
Health	HL	HL001	Therapeutic Services	HL0016025	Nursing Services - C N A	600
Health	HL	HL001	Therapeutic Services	HL0016009	Occupational Therapy	1200
Health	HL	HL001	Therapeutic Services	HL0016010	Orthotic & Prosthetics	2000
Health	HL	HL001	Therapeutic Services	HL0016011	Paramedic	1200
Health	HL	HL001	Therapeutic Services	HL0016012	Pharmacy Services	600
Health	HL	HL001	Therapeutic Services	HL0016013	Physical Therapy Assistant	1200
T&I	TR	TR015	Logistics, Planning & Management Services	TR0156000	Pipeline Technology	900
T&I	AC	AC003	Construction	AC0036011	Plumbing	900
T&I	TR	TR004	Facility And Mobile Equipment Maintenance	TR0046003	Power Products	900
STEM	SC	SC001	Engineering And Technology	SC0016001	Pre-Engineering Program	480
STEM	SC	SC001	Engineering And Technology	SC0026010	Pre-Engineering Program - Advanced	960
T&I	AR	AR004	Printing Technology	AR0046001	Printing Technology	900
T&I	TR	TR001	Transportation Operations	TR0016000	Private Pilot	480
BMITE	ΙΤ	IT004	Programming And Software Development	IT0046000	Programming	900
Health	HL	HL002	Diagnostic Services	HL0026002	Radiologic Technologist	2300
Health	HL	HL001	Therapeutic Services	HL0016014	Rehabilitation Services	800
T&I	AC	AC003	Construction	AC0030006	RESIDENTIAL ELECTRICIANS ASSISTANT	480
Health	HL	HL001	Therapeutic Services	HL0016015	Respiratory Services	1400
T&I	TR	TR008	Automotive Service	TR0086001	Service Careers - Auto Care	120
F&CS	НТ	HT001	Restaurant Food & Beverage Services	HT0016001	Service Careers Culinary Arts	400
T&I	AG	AG002	Plant And Soil Science	AG0026002	Service Careers Horticulture	750
T&I	AC	AC004	Maintenance/Operations	AC0046000	Service Careers Maintenance	725
T&I	AC	AC004	Maintenance/Operations	AC0040052	SERVICE CAREERS MAINTENANCE II	500
Health	HL	HL004	Support Services	HL0016016	Surgical Services	600
Health	HL	HL004	Support Services	HL0016017	Surgical Technologist	1000
F&CS	ED	ED003	Teaching/Training	ED0036000	Teaching/Training	800
T&I	TR	TR001	Transportation Operations	TR0016001	Truck Driver Training	200
Health	HL	HL001	Therapeutic Services	HL0016019	Veterinary Services	750

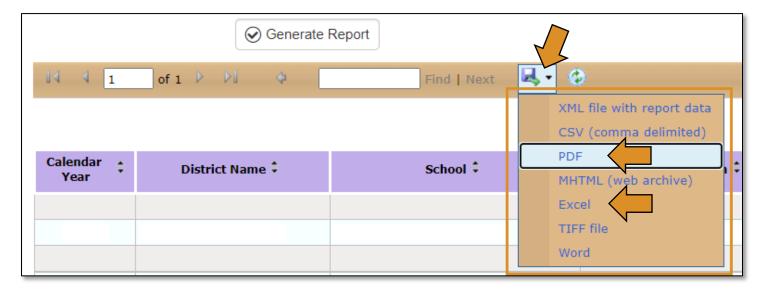
Division	Cluster	Pathway Code	Pathway Name	Program Code	State Program Name	Program Hours
Health	HL	HL001	Therapeutic Services	HL0016020	Vision Care Services	900
T&I	TR	TR003	Warehousing And Distribution Center Operations	TR0036001	Warehouse and Logistics	700
T&I	AR	AR006	Visual Arts	AR0066004	Web Design and Development	900
T&I	AR	AR006	Visual Arts	AR0066004	Web Design and Development- AR	1050
BMITE	IT	IT003	Web And Digital Communications	IT0036005	Web Design and Development-	900
T&I	MN	MN007	Welding And Metal Fabrication	MN0076011	WELDING	900
T&I	AC	AC003	Construction	AC0036014	Welding-AC	900
T&I	MN	MN007	Welding And Metal Fabrication	MN0076001	Welding-MN	900

### Helpful Tips

- There are scroll bars located at the bottom and right of some of the screens in CTIMS. If you cannot see all the information on a screen, go to the right or bottom of the screen and use the scroll bar to see navigate over to view additional columns and rows.
- There are tabs within screens in CTIMS. Look for these tabs to view a different screen or more information.
- Many sections in CTIMS can be expanded to view more detailed information by clicking on the arrow next to the section header or line (row).
- Hold down the Ctrl key and click on the + or keys to zoom in or out.
- You can only have 10 tabs open at one time. To close tabs, click on the on the right side of the tab you wish to close, then confirm that you would like to close by clicking OK on the confirmation screen.

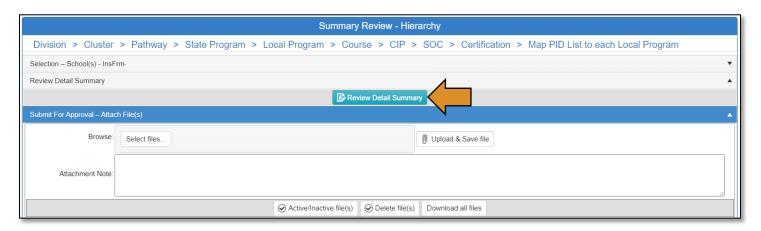


• Use the blue diskette icon to export a report or a summary review to a PDF or Excel.

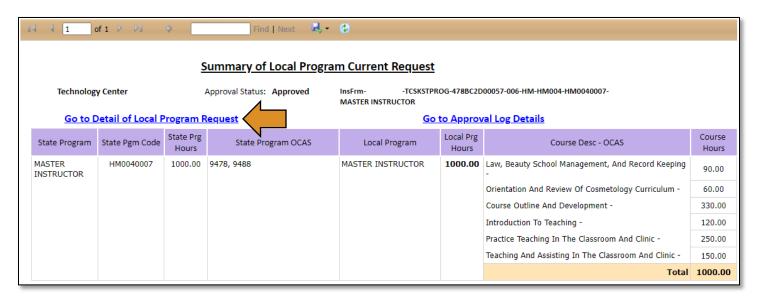


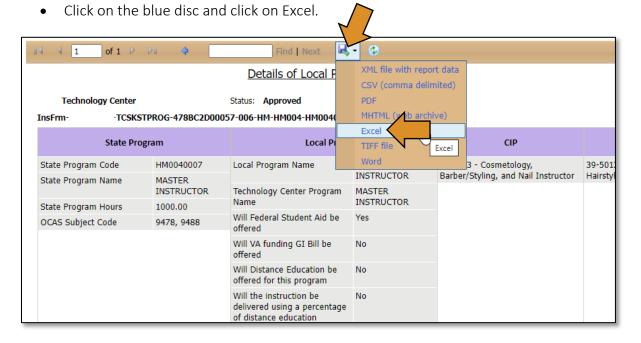
### Print the Detail Summary page on ONE page

Click on Review Detail Summary.

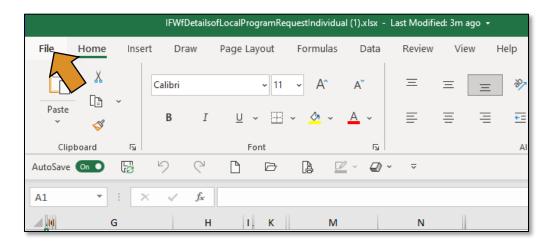


• Click on Go to Detail of Local Program Request.

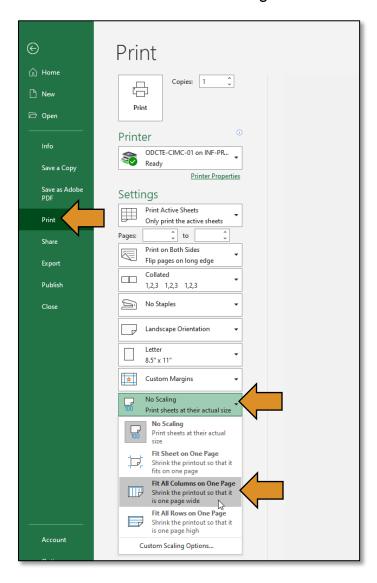




- Open the excel spreadsheet.
  - o Click the **File** tab.



- Click on the No Scaling drop-down box.
- Click Fit All Columns on One Page.



• Click **Print**.



• \*\*If you change the paper to *Legal* size – the chart will be bigger and easier to see.